

REMARKS

This application has been carefully reviewed in light of the Office Action dated April 20, 2005. Claims 1 to 18 remain in the application, of which Claims 1 and 11 are independent. Reconsideration and further examination are respectfully requested.

Figure 9 of the drawings was objected to for allegedly showing empty boxes with no labels, thereby requiring one to search through the specification to determine what information Fig. 9 is trying to convey. The objection is again traversed since, as clearly illustrated in the drawings and as described in the specification, the allegedly empty boxes of Fig. 9 represent documents 21 that are being processed, and Fig. 9 depicts the direction of travel and the processing for different orders of depth P for all of the documents 21 in the information server. Thus, Applicants fail to see any deficiency in Fig. 9.

Moreover, Applicants fail to understand the reasons for the objection. In more detail, it appears that the Office Action is alleging that one must be able to clearly discern the claimed invention solely by looking at the drawings without reference to the accompanying description provided in the specification. This is evident from the Office Action's assertion that "one [is required] to search through the specification to determine what information Fig. 9 is trying to convey." However, Applicants are wholly unaware of any such requirement in the U.S. patent laws. Accordingly, should the objection be maintained, clarification of the grounds for the objection is respectfully requested.

Claim 17 was rejected under 35 U.S.C. § 112, second paragraph for an alleged lack of antecedence in the specification. The rejection is traversed since the description provided at page 9, lines 2 to 8 (e.g., hard disk 108, read only memory 102) provides sufficiently clear antecedence for the claimed computer readable medium. Thus, withdrawal of the rejection is respectfully requested.

Claims 1 to 33 were rejected under 35 U.S.C. § 103(a) over U.S. Patent No. 6,300,947 (Kanevsky) in view of U.S. Patent No. 5,764,229 (Narayanaswamy).

Reconsideration and withdrawal of the rejections are respectfully requested.

The present invention concerns providing content of documents. According to the invention, first content of a document is transcoded into second content according to each of a plurality of characteristics, the transcoding being performed before reception of a request for access to the first content. The transcoded content is stored, and when an access request is received, a characteristic is derived from the access request. Then, second content corresponding to the derived characteristic is sent to a user terminal in response to the request. As a result, documents contained on a server can be appropriately transcoded according to the user's needs before the user requests access to the documents, thereby saving time in the transcoding process.

With specific reference to the claims, amended independent Claim 1 is a method of providing content of documents via a network, comprising the steps of transcoding a first content into a second content according to each of a plurality of characteristics, the transcoding of the first content taking place before a reception of a request for access to the first content, receiving a request for access to the first content from a user terminal, the access request beginning a communication session, deriving a characteristic contained in the access request, and sending the second content corresponding to the derived characteristic to the user terminal in response to the access request.

Amended independent Claim 11 is an apparatus claim that substantially corresponds to Claim 1.

The applied art, alone or in any permissible combination, is not seen to disclose or to suggest the features of the present invention, and in particular, is not seen to disclose or to suggest at least the feature of transcoding a first content into a second content according to each of a plurality of characteristics, the transcoding of the first content taking place before a reception of a request for access to the first content.

Kanevsky is merely seen to disclose a display screen and window size related web page adaptation system. In more detail, Kanevsky organizes viewing materials according to client display capabilities, which is a particular aspect of transcoding. However, Kanevsky is not seen to disclose or to suggest at least the feature of transcoding a first content into a second content according to each of a plurality of characteristics, the transcoding of the first content taking place before a reception of a request for access to the first content.

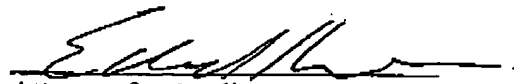
Narayanaswamy is merely seen to disclose a system for document transcoding to adapt to device capabilities. Narayanaswamy transcodes a document before transmission of the document, but fails to transcode a first content into a second content according to each of a plurality of characteristics, the transcoding of the first content taking place before a reception of a request for access to the first content.

In view of the foregoing, all of Claims 1 to 18 are believed to be allowable.

No other matters having been raised, the entire application is believed to be in condition for allowance and such action is respectfully requested at the Examiner's earliest convenience.

Applicants' undersigned attorney may be reached in our Costa Mesa, California office by telephone at (714) 540-8700. All correspondence should continue to be directed to our below listed address.

Respectfully submitted,



Attorney for Applicants
Edward A. Kmett
Registration No. 42,746

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200

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